



Welcome!

NIA ADRC Clinical Core Session

Howie Rosen
Professor of Neurology
UCSF ADRC

Thanks

- Steering Committee Members
 - Cindy Carlsson (U Wisconsin)
 - Liana Apostolova (Indiana U)
 - Greg Jicha (U Kentucky)
 - Aimee Pierce (OHSU)
 - Howie Rosen (UCSF)
 - <https://nacccdata.org/nacc-collaborations/committees>
- NIA
 - Grayson Donley!
 - Nina Silverberg
 - Cerise Elliott
- NACC
 - Hannah Rosentreter
 - Bud Kukull

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 - Kostas Lyketsos (Johns Hopkins – incoming 2028, already helped)
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Mild behavioral impairment (MBI) and prodromal neuropsychiatric symptoms (NPS)

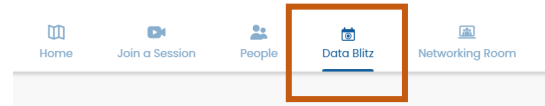
- Growing recognition
 - Earliest symptoms in neurodegenerative disease (NDD) can be behavioral/neuropsychiatric
 - Beyond just frontotemporal dementia (FTD)
- Prominent psychiatric symptomatology traditionally exclusionary for research on cognition/neurodegeneration at many centers
- New opportunities with UDS-4
 - New diagnostic category for MBI and other early NPS
 - Fill gap in understanding early symptoms of NDD
- Goal today
 - Set the stage for increased study of early neuropsychiatric symptoms
 - Review MBI and related concepts
 - Answer questions, discuss

Agenda

- Introduction (that's what this talk is)
 - Acknowledgments
 - Virtual online data blitz video
 - Overview
- Three talks – 20 min each, 5 min questions
 - Mild behavioral impairment – what is it? prognostic value
 - Zahinoor Ismail – University of Calgary
 - Differentiating neurodegenerative from non-neurodegenerative
 - Jennifer Gatchel – MGH ADRC
 - Disease specific symptoms
 - Howie Rosen (& Bruce Miller, Virginia Sturm) – UCSF ADRC
- Additional Q & A

Data blitz

- 13 action packed presentations!
- Location: Hubilo



Prevalence of Neuropsychiatric Symptoms is Greater in Early Than Late-Onset Alzheimer's Disease	Angelina Polsinelli, PhD, ABPP-CN Indiana University ADRC	Digital Monitoring to Detect Autonomic Markers of Early Empathy Loss in Behavioral Variant Frontotemporal Dementia	Emma Rhodes, PhD University of Pennsylvania
Monitoring Apathy, Depression and Anxiety Using Technology Evaluation	WanTai "Michael" AuYeung, PhD Oregon Health & Science University	Understanding the Role of Alzheimer's Disease Pathology in Mild Behavioral Impairment	Alexandru Iordan, PhD University of Michigan
Neural Precursors of Depressive Symptoms in Amnesic Mild Cognitive Impairment	Molly Mather, PhD Northwestern University	Earliest Psychiatric Symptoms in Right Anterior Temporal Lobe Degeneration	Hulya Ulugut, MD, PhD University of California, San Francisco
Variability in Cognition, Mood and Personality in Preclinical Alzheimer Disease and Very Mild Clinical Impairment	Andrew Aschenbrenner, PhD Washington University, St. Louis	Investigating Associations Between Neurodegenerative Pathologies and Behavioral and Psychological Symptoms Of Dementia (BPSDs)	Ruth Nelson University of Kentucky, Emory University
Intraindividual Cognitive Variability as an Early Marker of Alzheimer's Disease	Andrea Weinstein, PhD University of Pittsburgh	Speech Biomarkers and Depression Dimensions	Laili Soleimani, MD, Msc Icahn School of Medicine
Onset of Behaviors Characteristic of Autism Spectrum Disorder as Neuropsychiatric Symptom of Alzheimer's Disease and AD Related Dementias	Elizabeth Rhodus, PhD, MS, OTR/L University of Kentucky ADRC	The Association of Disinhibition and Cognitive Decline in a Multi-ethnic Sample	Amy Werry-McFarlin, PsyD South Texas ADRC
Probing Mechanisms of Emerging Depressive Symptoms in Community-Dwelling Older Adults: A Plasma and Multimodal Neuroimaging Biomarker Study	Jennifer R. Gatchel, MD, PhD Mass General Hospital, McLean, Harvard Medical School		

- Thanks to Hannah Rosentreter at NACC!

The MBie

- Elizabeth Rhodus, PhD, MS, OTR/L
- University of Kentucky Alzheimer's Disease Research Center
- For the presentation:
 - *“Onset of Behaviors Characteristic of Autism Spectrum Disorder as Neuropsychiatric Symptom of Alzheimer's Disease and AD Related Dementias”*
- Congratulations!

On with the show!

